



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
RESPONSE TO THE SEPTEMBER 29, 2005 OFFICE ACTION

APPLICANTS: Hedberg et al. GROUP ART UNIT: 3762
SERIAL NO.: 10/761,707 EXAMINER: Jason Rosenzweig
FILED: January 21 2004 CONFIRMATION NO.: 3713
TITLE: "MULTI-CHAMBER PACING SYSTEM"

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Applicants and their counsel have carefully reviewed the Office Action dated September 29, 2005, but believe the claims in their present form are patentable over the reference relied upon by the Examiner. Reconsideration of the application in view of the following arguments in support of patentability is therefore respectfully requested.

REMARKS:

In the Office Action dated September 29, 2005, claims 1, 3 and 4 were rejected under 35 U.S.C. §103(a) as being unpatentable over Mika et al. This rejection is respectfully traversed for the following reasons.

The subject matter disclosed and claimed in the present application is for the purpose of solving a problem that exists only in the context of multi-chamber pacing of the heart, and does not exist in single chamber pacing. That problem is described in the paragraph beginning at page 2, line 3 of the present application. It is conventional, when a heart chamber is stimulated by a stimulation pulse, to blank sensing of electrical signals from that heart chamber when the stimulation pulse is delivered, so that the sensing circuitry is not overwhelmed by the stimulation pulse